UTILITY PATENT APPLICATION TRANSMITTAL (Large Entity)

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Docket No. 05516/056003

Total Pages in this Submission

TO THE COMMISSIONER FOR PATENTS

Mail Stop Patent Application

						P.O. Bo Alexandria, V			
Transi				filing under 35	U.S.C	C. 111(a) and 3	7 C.F.R. 1.53	(b) is a new utility patent ap	plication for an
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and in	vente	d by:							9,10
Sujian HUANG and Chris E. CAWTHORNE									31356 U 10/749
lf a C	ONT	MUA	TION AP	PLICATION.	check	appropriate bo	ox and supply	the requisite information:	ŏE
∠ (Divisional			, , ,	of prior application No.:	09/635,116
Whic	h is a	:						_	
X	Conti	nuat	ion 🗆	Divisional		Continuation-	in-part (CIP)	of prior application No.:	09/524,088
Whic	h is a	:							
	Conti	nuat	ion 🗆	Divisional		Continuation-	in-part (CIP)	of prior application No.:	
Enclo	sed a	are:							
						Application	n Elements		
1.	X	Filin	g fee as	calculated and	d trans	mitted as desc	ribed below		
2.	2. Specification having pages and including the following:								
	a. 🗵 Descriptive Title of the Invention								
	b. 🗵 Cross References to Related Applications (if applicable)								
	c. Statement Regarding Federally-sponsored Research/Development (if applicable)								
	d. Reference to Sequence Listing, a Table, or a Computer Program Listing Appendix								
	e. 🗵 Background of the Invention								
	f.	\boxtimes	•						
	g. 🗵 Brief Description of the Drawings (if filed)								
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UTILITY PATENT APPLICATION TRANSMITTAL (Large Entity)

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Total Pages in this Submission

Application Elements (Continued)

3.	\boxtimes	Drawing(s) (when necessary as prescribed by 35 USC 113)								
	a.	□ Number of Sheets								
	b.	☐ Informal Number of Sheets								
4.	\boxtimes	Oath or Declaration								
	a.	☐ Newly executed (original or copy) ☐ Unexecuted								
	b.	☑ Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional application only)								
	C.	☑ With Power of Attorney ☐ Without Power of Attorney								
	d.	DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. 1.63(d)(2) and 1.33(b).								
5.		Incorporation By Reference (usable if Box 4b is checked) The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.								
6.		CD ROM or CD-R in duplicate, large table or Computer Program (Appendix)								
7.		Application Data Sheet (See 37 CFR 1.76)								
8.		Nucleotide and/or Amino Acid Sequence Submission (if applicable, all must be included)								
	a.	☐ Computer Readable Form (CRF)								
	b.	☐ Specification Sequence Listing on:								
		i. CD-ROM or CD-R (2 copies); or								
		ii. 🔲 Paper								
	C.	☐ Statement(s) Verifying Identical Paper and Computer Readable Copy								
	Accompanying Application Parts									
9.		Assignment Papers (cover sheet & document(s))								
10.		37 CFR 3.73(B) Statement (when there is an assignee)								
11.		English Translation Document (if applicable)								
12.		Information Disclosure Statement/PTO-1449 Copies of IDS Citations								
13.	\boxtimes	Preliminary Amendment								
14.	\boxtimes	Return Receipt Postcard (MPEP 503) (Should be specifically itemized)								
15.		Certified Copy of Priority Document(s) (if foreign priority is claimed)								
16.	\boxtimes	Certificate of Mailing								
		☐ First Class ☒ Express Mail (Specify Label No.): EV403793733US								

UTILITY PATENT APPLICATION TRANSMITTAL (Large Entity)

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Docket No. 05516/056003

Total Pages in this Submission

Accompanying Application Parts (Continued)

17. Additional Enclosures (please identify below):

Request That Application Not Be Published Pursuant To 35 U.S.C. 122(b)(2)

18. Pursuant to 35 U.S.C. 122(b)(2), Applicant hereby requests that this patent application not be published pursuant to 35 U.S.C. 122(b)(1). Applicant hereby certifies that the invention disclosed in this application has not and will not be the subject of an application filed in another country, or under a multilateral international agreement, that requires publication of applications 18 months after filing of the application.

Warning

An applicant who makes a request not to publish, but who subsequently files in a foreign country or under a multilateral international agreement specified in 35 U.S.C. 122(b)(2)(B)(i), must notify the Director of such filing not later than 45 days after the date of the filing of such foreign or international application. A failure of the applicant to provide such notice within the prescribed period shall result in the application being regarded as abandoned, unless it is shown to the satisfaction of the Director that the delay in submitting the notice was unintentional.

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Fee Calculation and Transmittal

CLAIMS AS FILED							
For	#Filed	#Allowed	#Extra		Rate	Fee	
Total Claims	1	- 20 =	0	x	\$18.00	\$0.00	
ndep. Claims	1	- 3 =	0	×	\$86.00	\$0.00	
Multiple Dependent Claims (check if applicable)							
BASIC FEE							
OTHER FEE (specif	y purpose)					\$0.00	
					TOTAL FILING FEE	\$770.00	
as described below. ☐ Charge the amount of as filing fee. ☑ Credit any overpayment.							
☑ Credit any overpayment. ☑ Charge any additional filing fees required under 37 C.F.R. 1.16 and 1.17.							
Charge the issue fee set in 37 C.F.R. 1.18 at the mailing of the Notice of Allowance, pursuant to 37 C.F.R. 1.311(b).							
Dated: 12/29/03			C RC 12 Ho	OSENTI 21 McK ouston, '	Signature P. Osha, Reg. No. 33,986 HAL & OSHA L.L.P. Cinney Street, Suite 2800 Texas 77010 2: 713/228-8600		

CC:

Facsimile: 713/228-8778

CERTIFICATE OF	MAIL" (37 CFR 1.10)	Docket No.						
	CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10) Applicant(s): Sujian HUANG et al.							
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Serial No.	Filing Date	Examiner	Group Art Unit					
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Invention: METHOD FOR SIMULATING DRILLING OF ROLLER CONE BITS AND ITS APPLICATION TO ROLLER CONE BIT DESIGN								
								
I hereby certify that the	e following correspondence:							
	Utility Paten	t Application w/Declaration						
	(Identify type)	of correspondence)						
is being deposited with	the United States Postal Service	e "Express Mail Post Office to Add	ressee" service under 37					
CFR 1.10 in an envelo	pe addressed to: Commissioner	for Patents, P.O. Box 1450, Alexar	ndria, VA 22313-1450 on					
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	12/29/2003							
	(Date)							
		Ava R. Brown						
		(Typed or Printed Name of Person Mailing	g Correspondence)					
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Note: Each paper must have its own certificate of mailing.								

	MAILING BY "EXPRESS N	MAIL" (37 CFR 1.10)	Docket No.						
Applicant(ε): · SùĴian HU Serial No. Unknown	Filing Date Herewith	Examiner Unknown	05516/056003 Group Art Unit Unknown						
Invention: METHOD FOR SIMULATING DRILLING OF ROLLER CONE BITS AND ITS APPLICATION TO ROLLER CONE BIT DESIGN									
I hereby certify that the	I hereby certify that the following correspondence: Preliminary Amendment								
	(Identify type o	of correspondence)							
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CFR 1.10 in an envelo	pe addressed to: Commissioner	for Patents, P.O. Box 1450, Alexa	indria, VA 22313-1450 on						
	12/29/2003 (Date)								
		Ava R. Brown							
		(Typed or Printed Name of Person Maili	ng Correspondence)						
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